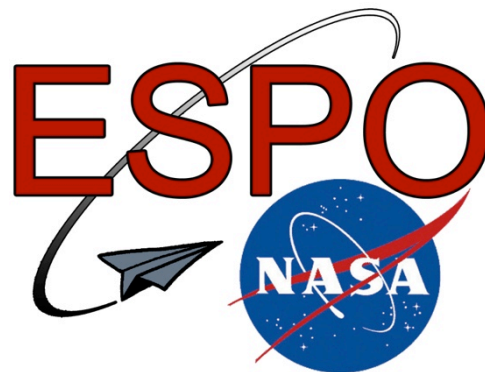




SEAC4RS Science
Team Meeting
2-23-12



Kent Shiffer
SEAC4RS Project Manager

Thailand – Visa Requirements

- Personal Passport visa is 30 days – purchased upon arrival
 - You may need to request longer duration through the Thai Immigration in Bangkok. Extension = 1900 baht
- US Government “Official” Passports require visa prior to departure via HQ.
 - Request 60 or 90 day visa (Multiple Entry if needed)
 - You may need to request longer duration through Thai consulate in Washington DC.

SEAC4RS Web Site

- SEAC4RS home Page
 - <http://espo.nasa.gov/missions/seac4rs>
- SEAC4RS **Immunizations and Medical Recommendations**
 - http://espo.nasa.gov/missions/seac4rs/content/SEAC4RS_Local_Information
- Email service
 - SEAC4RS email (list server)
 - All (derived from the ESPO Db input)
 - PI's
 - Leadership

ESPO Db -Request for info

- Team participants (anyone expecting to be in the field)
- Instrument logistic requirements
 - Gases, special considerations, etc.
- Shipping
 - Surface shipment **June 1** (45-60 days in transit)
 - » All equipment to be at PMD by May 15 2012
 - All equipment– delineate between surface shipment and air shipment in comment boxes
 - Annotate size and weight
 - MSDS's included with shipment
 - All specialty gases on early shipment
 - Last minute equipment for possible airlift
 - End of July

Shipping

- Equipment collection for all SEAC4RS Thailand shipping
- http://espo.nasa.gov/missions/seac4rs/content/SEAC4RS_Shipping
- **Shipping to Dryden Flight Research Center (DFRC)**
- POC: [Karen Richards](#)
[Fax: \(661\) 276-6098](#)
[Note: Please provide a cover that denotes "Karen Richards, DC-8 DC3/SEAC4RS"](#)
[Phone: \(661\) 276-3675](#)
[Cell: \(661\) 857-2428](#)
- **Mail/Express Mail/Small Packages (FedEx, UPS, DHL):**
- NASA Dryden Flight Research Center
Your Name / Karen Richards
DC3/SEAC4RS
Mail Stop DAOF
P.O. Box 273
Edwards, CA 93523
- **Freight Shipping Instructions**
- Experimenters may ship **freight** (including FEDEX, UPS, and DHL cargo) directly to the DAOF using the following address:
NASA Dryden Aircraft Operations Facility (DAOF)
Attn: Your Name/Wendy Given/DC-8 DC3/SEAC4RS Mission
2825 East Avenue P
Palmdale, CA 93550
- Special shipping instructions will be provided to the experiment teams that may be bringing radioactive material (lens cleaners) to the DAOF. Please contact Wendy Given by phone at 661-276-3182 or email at wendy.given-1@nasa.gov to make arrangements.

Utapao Particulars

- *Arrival*
- *Security and Badging*
- *Daily Mission Schedule*
- *Lab & Hangar*
- *Network – (Bandwidth Expectations?)*
- *Communications*
- *Aircraft support*

Arrival

Bangkok (BKK) to Ban Chang, Rayong

2 - 4 hours from BKK to Ban Chang, Utapao area

- Car service - AOT (Airports Of Thailand)
 - counter located at baggage claim Suvarnabhumi Airport (BKK) Select cheapest largest car for your needs.
- Taxi
 - Approximately \$70.00 USD or 2000 bht

Utapao - Base Layout



Security

- Base access – Bus ONLY provided to/from hotel(s) *You must have a badge*
 - No taxi or walking onto base
- Badges – ESPO created with Picture from ESPO Db (Passport size photo)



Utapao Setup

- Power – 220vac 50hz
 - Note the similarity to US power receptacles



- Food – “Koppa stand” at Ops center
 - Breakfast, Lunch, Dinner possible

Utapao Setup – continued

Office / Lab

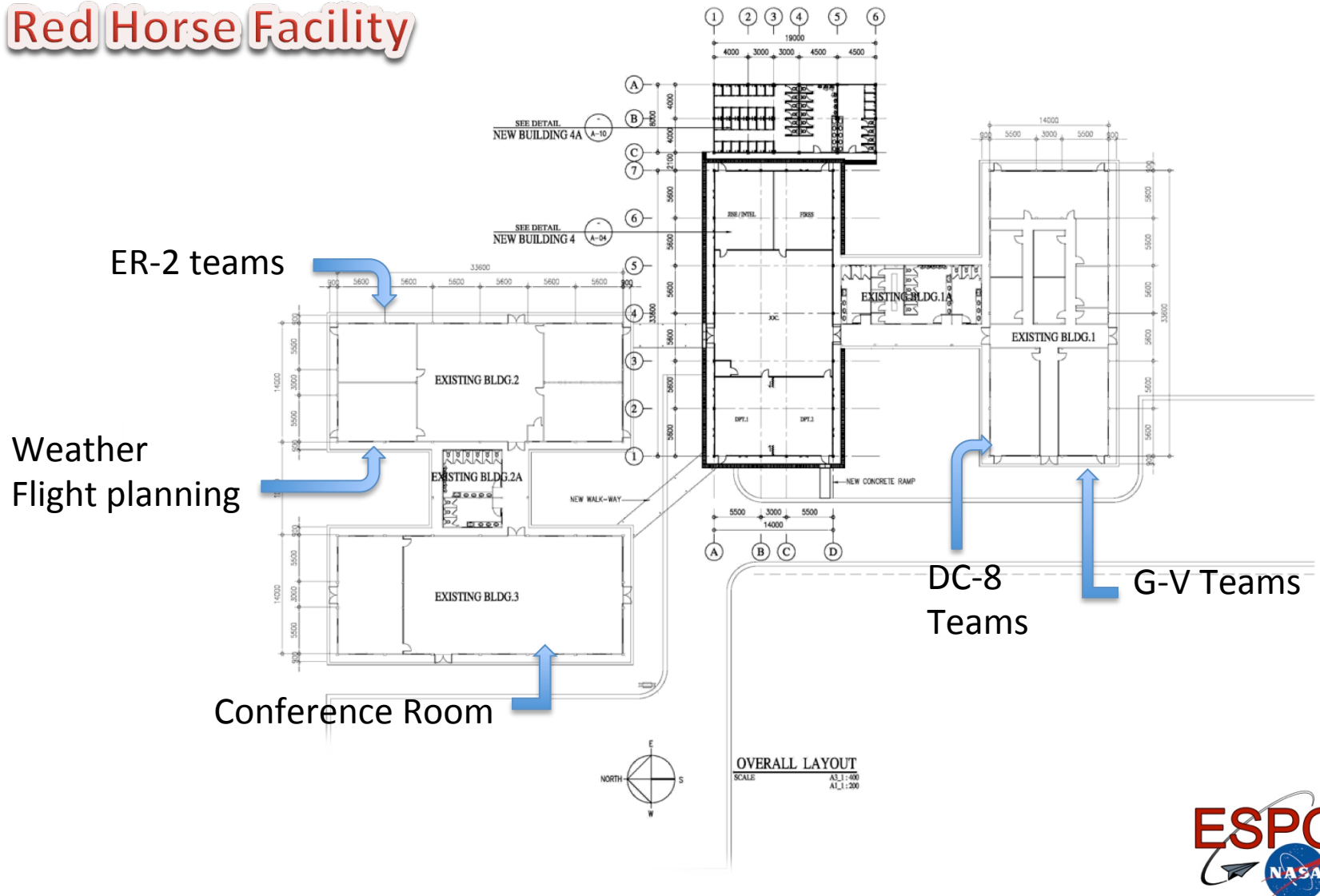
- Portable office space
 - 2ea, 10x20 ft -DC-8 location
 - 38" door width



Utapao Setup – continued

Operations Center

Red Horse Facility



Utapao Setup – continued

Aircraft Hangars



Utapao Setup – continued

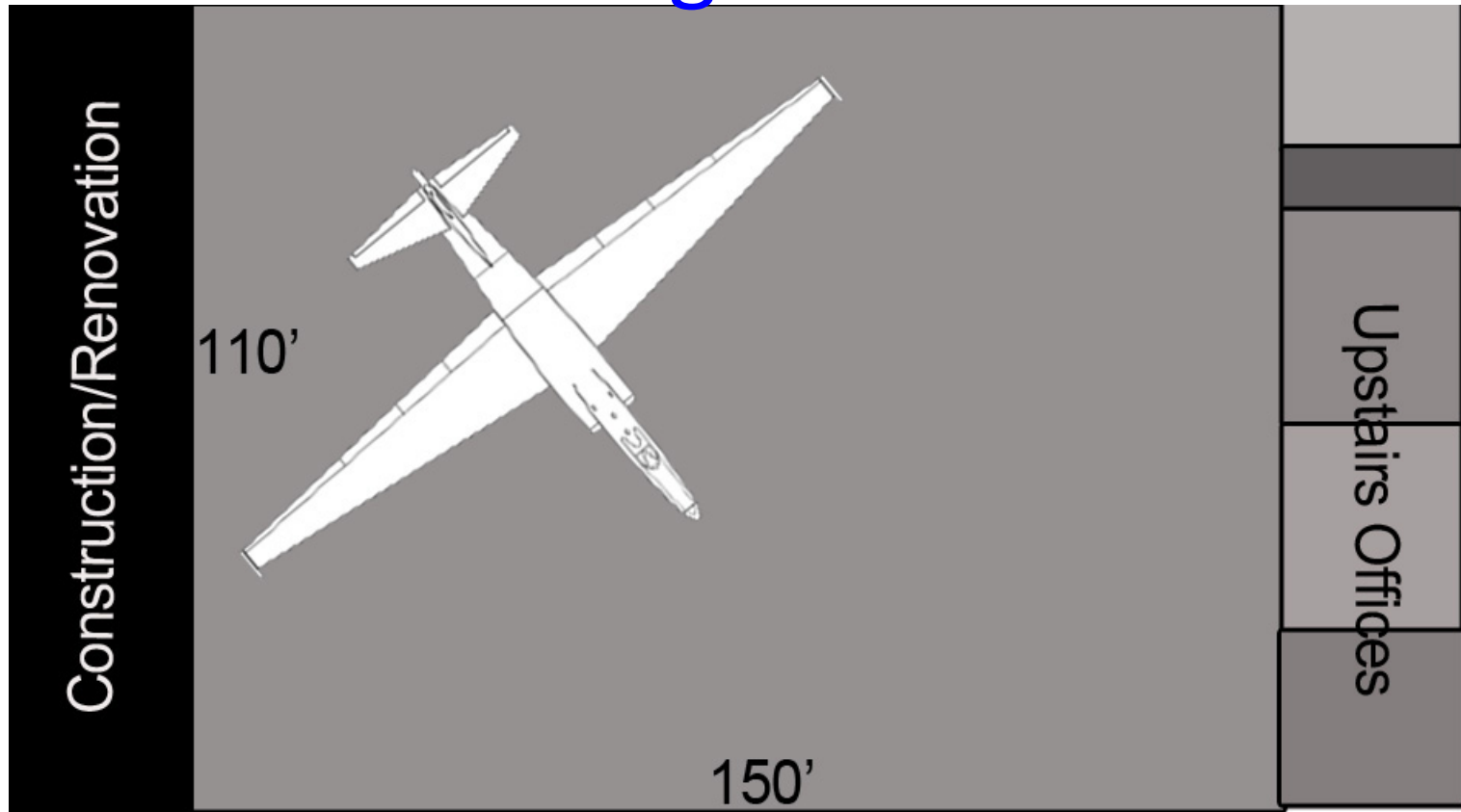
Hangar 101 / Lab

- Hangar 101 - 140'x110'
- Lab 48'x28'
- 48" door width
- Needs Air-conditioning, electrical power and lighting



Utapao Setup – continued

Hangar 101



Aircraft Ramp Area

Communications

- 4Mb up / down if possible
 - Cobra Gold claimed 4 mb up/down via Fiber link
- Wireless will be located at Red Horse offices
- Telephone Communications
 - 20 cell phones provided to SEAC4RS team leads
 - Additional cell phones \$20.00 you purchase
 - Recharge cell air time at local 7/11

Misc. Aircraft Support

- ER-2 Pilot van - with air conditioning
- ER-2 towing ok with NASA tractor
- DC-8 - Cherry Picker to be leased for duration
- GSE fuel – 55 gallon drums with hand pump
- Potable water available via Thai Airways
- Portable offices for aircraft ground crew
- Royal Thai Navy security available for Aircraft
- Hangar 101 does **NOT** have fire suppression
 - **NO** 115 Vac 400hz aircraft power in Hangar

Hotel in Ban Chang



Thailand Orientation

- ESPO will provide an orientation package prior to your departure.
 - Maps
 - Hotel name / location
 - Base etiquette (Base access, where to walk where to stay away from)
 - Local eateries
 - Medical facilities - You must have your own medical insurance.
 - Bangkok Hospital –Pattaya (Long term and or serious)
 - Utapao airbase Hospital (very short term)

Thailand Issues

- Don't drink the water
- Don't walk into the grass or jungle
- If you go to Pattaya, go in pairs or more
- BE aware of your surroundings
- Eat fully cooked food